



#2 IDS  
GAV 2871  
M. Brunson  
8/29/01  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** MICHIAKI SAKAMOTO, et al.

**Group Art Unit:** 2871

**Serial No.:** 09/852,077

**Docket:** 12873A

**Filed:** May 9, 2001

**Dated:** August 9, 2001

**For:** LIQUID CRYSTAL DISPLAY DEVICE

Assistant Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the references listed on the attached Form PTO-1449 be made of record in the above-identified case.

1. Japanese Laid-Open Patent Application No. HEI-4-261522 dated September 17, 1992, together with an English language Abstract.

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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail under 37 C.F.R. § 1.8(a) on the date indicated above and is addressed to the Assistant Commissioner for Patents and Trademarks, Washington, D.C. 20231 on August 9, 2001.

**Dated:** August 9, 2001

*Janet Grossman*  
Janet Grossman

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2. Japanese Laid-Open Patent Application No. HEI-6-43461 dated February 18, 1994, together with an English language Abstract.

3. Japanese Laid-Open Patent Application No. 10-186351 dated July 14, 1998, together with an English language Abstract.

4. English language Abstract of Japanese Laid-Open Application No. HEI-5-505247.

5. Publication, Field Effects in Nematic Liquid Crystals Obtained with Interdigital Electrodes, Journal of Applied Physics, R. A. Soref, vol. 45, No. 12 (1974), page 5466.

Applicant is submitting copies of the above-cited references. The relevance of the above-identified references has been described in the specification

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R§1.97(b), no petition, certification or fee is required. Consideration of this Information Disclosure Statement is respectfully requested.

Respectfully submitted,



Paul J. Esatto, Jr.

Registration No. 30,749

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PJE/DJT:eg

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
12873A

In Re Application Of:  
**MICHIAKI SAKAMOTO**

Serial No.  
09/852,077

Filing Date  
May 9, 2001

Examiner  
unassigned

Group Art Unit  
2871

Title: **LIQUID CRYSTAL DISPLAY DEVICE**



Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
  2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

**OR**

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) r 1.97(c))

Docket No.  
12873A

In Re Application Of:  
**MICHIAKI SAKAMOTO**

Serial No.  
09/852,077

Filing Date  
May 9, 2001

Examiner  
unassigned

Group Art Unit  
2871

Title: **LIQUID CRYSTAL DISPLAY DEVICE**



**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 19-1013 SSMP as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

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I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. \_\_\_\_\_) on

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**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on August 9, 2001 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Janet Grossman*  
Signature of Person Mailing Correspondence

Janet Grossman

Typed or Printed Name of Person Mailing Correspondence

\*This certificate may only be used if paying by deposit account.

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Dated: August 9, 2001

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